

DEPARTMENT OF
DEFENSE, VETERANS AND EMERGENCY MANAGEMENT
Military Bureau
Joint Force Headquarters, Maine National Guard
Camp Keyes, Augusta, Maine 04333-0033

18 December 2015

TECHNICIAN POSITION VACANCY ANNOUNCEMENT #15-149
****ALSO ADVERTISED as AGR ANNOUNCEMENT 15-149****

POSITION: Electronic Integrated Systems Mechanic (D1360000/D0369000) WG-2604-10/11, WG-2610-12 EXCEPTED POSITION DUAL BID

LOCATION: 101st Maintenance Squadron, Bangor, Maine

SALARY RANGE:

\$45,768 to \$53,448 per annum **WG-10**

\$47,375 to \$55,285 per annum **WG-11**

\$48,940 to \$57,038 per annum **WG-12**

CLOSING DATE: 15 January 2016

AREA OF CONSIDERATION:

AREA I – All permanent and indefinite Enlisted (E6 and below) Excepted Technicians in the Maine Air National Guard and personnel with reemployment rights to MeANG positions

AREA II – All Enlisted (E6 and below) members of the MeANG

AREA III – Personnel eligible for membership in the MeANG.

PERMANENT CHANGE OF STATION (PCS): PCS expenses may not be authorized for this position. Authorization for payment of PCS expenses will be granted only after a determination is made that payment is in the best interest of the Maine National Guard.

DUTIES: See attached duties and responsibilities.

QUALIFICATIONS: This position may be filled at the WG-10, WG 11 or WG-12 grade. If filled at the WG-10 or WG-11 grade, the individual selected may be promoted to subsequent grade without further competition when it has been determined that the individual meets the qualifications required for promotion to the higher grade.

MINIMUM QUALIFICATION REQUIREMENTS: Each applicant must show how they meet the General and Specialized Experience listed below; otherwise, the applicant may lose consideration for this job.

GENERAL EXPERIENCE: Technical, analytical or administrative experience which has demonstrated the applicant's ability to analyze problems of organization, workforce, information requirements, etc. and provide systematic solutions; and the ability to deal satisfactorily with others.

SPECIALIZED EXPERIENCE: Must have eighteen (18) months experience for the WG-10, WG-11, and/or WG-12, which required the applicant to acquire and apply each of the following knowledge, skills, and/or abilities:

WG-10

1. Ability to install, repair, and maintain electronic systems or equipment.
2. Ability to troubleshoot and diagnose malfunctions and systems and determine the level and method of repair.
3. Ability to use hand tools and precision measuring equipment.
4. Skill in diagnostic and testing equipment
5. Ability to interpret technician manuals, illustrations, specifications, diagrams, and schematics to make repairs and modifications.

WG-11

1. Knowledge of operation, capabilities and limitations of complex electronics systems
2. Knowledge of electronics principles and their application to a wide variety of complex circuitry.
3. Skill in the interpretation of drawings, specifications and schematics to make repairs and modifications.
4. Ability to diagnose problems and determine corrective action for complex electronic units and complete systems.

WG-12

1. Knowledge of theory of electronics.
2. Knowledge of algebra and basic trigonometric functions.
3. Knowledge of electronic, pneumatic, hydraulic, and mechanical systems.
4. Ability to locate and diagnose malfunctions in integrated electronic systems.

5. Ability to interpret technical manuals, diagrams, and schematics to make repairs and modifications.
6. Ability to use hand tools and precision measuring equipment.
7. Skill in the use of diagnostic and testing equipment.

COMPATIBILITY CRITERIA: AFSC – 2A090, 2A2X1, 2A2X2, 2A2X3, 2A3XX, 2A590, 2A5X1, 2A5X4, 2A8X1, 2A8X2

Note: Personnel who do not possess this AFSC must be prepared to attend the appropriate school.

HOW TO APPLY: Detailed instructions are contained in an Instruction Guide titled “Technician Vacancy Announcement Guide” which should be posted with this vacancy announcement. Applicants may apply using the OF Form 612 Optional Application for Federal Employment, a resume, or any other format they choose. In addition to their basic application, applicants are strongly encouraged to complete ME Form 171, Military Experience and Training Supplement. Applications forwarded to HRO should be no more than eight (8) pages although additional pages may be submitted as necessary. Applications should include written or documented proof of education, training, and work experience deemed necessary to adequately respond to general and specialized experience factors listed in the TPVA. Professional licenses or education transcripts necessary to validate qualifications should be submitted as required in the TPVA. Do not include photo copies of awards (a military ribbon rack or civilian certificate), letters of commendation, enlisted or officer performance reports, Technician performance appraisals, and personal photos unless specifically requested in the TPVA”. Applications must be forwarded to: Joint Force Headquarters, ATTN: HRO, Camp Keyes, Augusta, Maine 04333-0033, NOT LATER THAN the closing date. Applications received AFTER the closing date WILL NOT BE CONSIDERED. The use of government envelopes, postage or facsimile machines to submit applications is prohibited. We are allowed to receive facsimiles sent from non-government facsimile machines. The inter-office distribution system may be used. You may also e-mail it to: ng.me.mearng.list.hro-applications@mail.mil

APPOINTMENT: Selectee will be required to participate in Direct Deposit/Electronic Funds Transfer as a condition of employment. The Adjutant General retains exclusive appointment authority for Technicians. No commitment will be made to any nominee prior to a review of qualifications by this office. The Maine National Guard is an Equal Opportunity Employer. All appointments and promotions will be made without regard to race, color, creed, sex, age or national origin.

DISSEMINATION: Supervisors, please post to bulletin boards, read at unit formations and notify personnel who may be interested. Qualified personnel who may be absent during this announcement period due to ADT, AT, TDY, school, illness, etc., should be notified.

WORK: DSN 626-6013 / COM (207) 430-6013 FAX: DSN 626-4246 / COM (207) 626-4246

FOR THE HUMAN RESOURCES OFFICER:

/////Signed\\\\\\\\

LISA M. SESSIONS
MAJ, AG
Human Resources Specialist
(Recruitment & Placement/Compensation)

INTRODUCTION:

This position is located within a National Guard aircraft maintenance organization. Its purpose is to perform either on- or off-equipment maintenance on one or more complete electronic integrated systems associated with the assigned aircraft and/or maintenance on automatic flight control systems, instrument systems, and inertial and radar navigation systems.

b. DUTIES:

(1) Performs maintenance on one or more complete electronic integrated systems such as the Fuel Savings Advisory System (FSAS), Self Contained Navigation System (SCNS), All Weather Landing System, and Malfunction Detection, Analysis, and Recording System (MADAR). Completes operational checks, inspections, tests, and trouble shooting of line replaceable units (LRUs) which are linked with the integrated systems and, also a number of LRUs which are independent or associated with nonintegrated systems. Isolates unusual malfunctions using technical orders, schematics and wiring diagrams, tools, and test equipment including automatic test equipment. Solves problems by analyzing installation, circuitry, and operating characteristics of the systems. Adjusts and aligns system sensors, transmitters, amplifiers, power supplies, display devices, controls, transponders, actuators, servos, computers and other related components. Removes faulty LRUs for shop repair. Installs serviceable components into aircraft and performs total systems alignment and harmonization in accordance with existing technical orders and directives. Accomplishes technical order compliances and modification of components and systems and completes systems checkout for proper operation. Maintains, modifies, calibrates and inspects a wide variety of user test, measurement, and diagnostic equipment (TMDE).

(2) Performs maintenance on automatic flight control systems, instrument systems, communications and navigation systems, and inertial navigation systems. Completes bench check, testing, repair, inspection, modification, programming, reprogramming, mating, adjusting, alignment, and analyzing of LRUs and shop replaceable units (SRUs). Uses a variety of test equipment such as automatic test equipment (ATE), oscilloscopes, frequency counters, phase-angle voltmeters, optical alignment equipment, digital pitot-static testers, programming units and special purpose test analyzers. Tests and troubleshoots solid state electronic assemblies and subassemblies such as circuit cards, modules, rate generators, electronic control amplifiers, electro-mechanical assemblies, random access memories, programmable read only memories, and various integrated circuits. Identifies faulty part and repairs to level authorized. Reassembles unit after repair, performs alignment and makes shop checks.

(3) Recommends methods to improve equipment performance, technical data, and maintenance procedures by reporting hardware and software malfunctions, initiates material deficiency reports both on equipment and in technical data, and assists in design changes as necessary. Conducts debriefing of aircrews to determine the nature of system malfunctions then documents all maintenance performed and records information related to the system, LRUs, or SRUs on both aircraft and historical records.

(4) Conducts on-the-job training on assigned systems and related support equipment and tasks to include classroom instruction as necessary.

(5) Processes and accounts for due-in from maintenance (DIFM) supply assets. Ensures that material and equipment are properly stored, protected and maintained and that funds are not obligated for material or parts without proper justification.

(6) Prepares for and participates in various types of readiness evaluations such as Operational Readiness Inspections (ORI), Inspector General (IG) inspections, and Unit Effectiveness Inspections and mobility and command support exercises. May be required to perform additional duties such as structural fire fighting, aircraft fire/ crash/rescue duty, serve as a security guard, remove snow, load and handle munitions, launch/recover and service aircraft, operate heavy equipment, maintain facilities and equipment, or serve as a member of a team to cope with natural disasters or civil emergencies. Complies with safety, fire, security, and housekeeping regulations.

(7) Performs other duties as assigned.

D0369000

a. INTRODUCTION:

This position is located in the Avionics Maintenance Branch. Its purpose is to perform maintenance on individual subsystems of one or more electronic integrated systems on an Air National Guard aircraft.

b. DUTIES AND RESPONSIBILITIES:

(1) Troubleshoots, inspects, installs, maintains, overhauls, repairs, and modifies subsystems of various electronic systems and associated equipment where the work does not require considering the interaction of the item worked upon with the total integrated system. Utilizes broad knowledge of electronics principles and their application to troubleshoot and repair malfunctions within electronic subsystems. Analyzes performance and isolates malfunctions by tracing schematic, logic, and wiring diagrams, and using appropriate built-in tests, applicable electronic measuring equipment, recording and reproducing equipment, support equipment, and general purpose and special hand tools.

(2) Removes faulty components and determines scope of repair required. Disassembles unserviceable units down to the smallest bit using special purpose tools, gauges and instruments. Repairs oscillator, amplifier, wave-shaping, logic, integrating and detecting circuits by replacing gyros, motors, tachometers, infrared sensing devices and similar components. Reassembles unit after repair. Performs required alignment and makes final bench or automatic test equipment (ATE) check. Reinstalls serviceable components into aircraft and participates in total system alignments. Accomplishes technical order compliance and modification of components and subsystems. Participates in system checkout for proper operation. Initiates the necessary forms to insure documentation is correctly entered in aircraft historical records.

(3) Prepares for and participates in various types of readiness evaluations such as Operational

Readiness (ORI), Inspector General (IG) and Unit Effectiveness (UEI) inspections and mobility and command support exercises. May be required to perform such additional duties as structural firefighting, aircraft fire/crash/rescue duty, security guard, snow removal, munitions loading and handling, heavy equipment operation, maintenance of facilities and equipment, or to serve as a member of a team to cope with natural disasters or civil emergencies.

(4) Complies with safety, fire, security, and housekeeping regulations. Ensures that material and equipment are properly stored, protected and maintained.

(5) Performs other duties as assigned.